

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| S1    | 2    | query adj fingerprint and candidate adj fingerprint and statistical adj model and threshold              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/20<br>14:38 |
| S2    | 0    | S1 and(@ad<"20031118" or @rlad<"20031118" or @prad<"20031118"" or @ptad<"20031118")                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/20<br>14:46 |
| S3    | 16   | query adj fingerprint and model and threshold  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/20<br>14:50 |
| S4    | 5    | query adj fingerprint and candidate adj fingerprint and model and threshold                              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/20<br>14:50 |
| S5    | 3    | S4 and(@ad<"20031118" or @rlad<"20031118" or @prad<"20031118"" or @ptad<"20031118")                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/20<br>14:50 |
| S6    | 2    | S4 and @ad<"20031118"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/20<br>14:51 |
| S7    | 10   | query adj fingerprint and model and threshold and (signal or video or audio)and search\$3 and extract\$3 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/20<br>14:55 |
| S8    | 3    | S7 and @ad<"20031118"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/20<br>14:55 |
| S9    | 2    | S8 and candidate adj fingerprint and model and threshold   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/20<br>14:56 |

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| S10 | 1  | query adj fingerprint and statistical adj model and threshold and(signal or video or audio)and search\$3 and extract\$3 and bits        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:03 |
| S11 | 0  | (query adj fingerprint and statistical adj model and threshold and(signal or video or audio)and search\$3 and extract\$3 and bits).clm. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:04 |
| S12 | 0  | (query adj fingerprint and statistical adj model and threshold and(signal or video or audio)and search\$3 and extract\$3 and bits).clm. | US-PGPUB  | OR | ON | 2009/03/20<br>15:04 |
| S13 | 1  | query adj fingerprint and statistical adj model and(signal or video or audio)and search \$3 and extract\$3                              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:06 |
| S14 | 74 | query adj fingerprint and (signal or video or audio)and search\$3 and extract\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:06 |
| S15 | 73 | query adj fingerprint and (signal or video or audio)and search\$3 and extract\$3 and database   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:06 |
| S16 | 54 | S15 and(@ad<"20031118" or @rlad<"20031118" or @prad<"20031118" or @ptad<"20031118")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:07 |
| S17 | 15 | S15 and @ad<"20031118"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:07 |
| S18 | 0  | S17 and statistical adj model and threshold and(signal or video or audio)and search\$3 and extract\$3 and bits                          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:08 |
| S19 | 0  | S17 and statistical adj model and threshold and(signal or video or audio)and search\$3 and extract\$3                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:08 |

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| S20 | 3  | S17 and model\$1 and threshold and(signal or video or audio)and search\$3 and extract\$3 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:09 |
| S21 | 2  | S20 and vector and distance  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:09 |
| S22 | 2  | S21 and(match\$3 or comparision or correlation)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:11 |
| S23 | 2  | S22 and query adj fingerprint  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:12 |
| S24 | 0  | S23 and statistical adj model and threshold  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:12 |
| S25 | 2  | S23 and model\$1 and threshold   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:13 |
| S26 | 25 | ((JOB) near2 (OOSTVEEN)). INV.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2009/03/20<br>15:19 |
| S27 | 1  | S26 and query adj fingerprint and(signal or video or audio) and search\$3 and extract\$3 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:19 |
| S28 | 98 | ((ANTONIUS) near2 (KALKER)).INV.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2009/03/20<br>15:20 |
| S29 | 2  | S28 and query adj fingerprint and(signal or video or audio) and search\$3 and extract\$3 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:20 |
| S30 | 1  | S29 and(@ad<"20031118" or @rlad<"20031118" or @prad<"20031118" or @ptad<"20031118")      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:21 |

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|-----|-------|--|---|----|----|---------------------|
| S31 | 0     | S30 and @ad<"20031118"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:21 |
| S32 | 48    | ((JAAP) near2 (HAITSMA)).<br>INV.  | US-PGPUB;<br>USPAT                                      | OR | ON | 2009/03/20<br>15:21 |
| S33 | 1     | S32 and query adj fingerprint<br>and(signal or video or audio)<br>and search\$3 and extract\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:22 |
| S34 | 0     | (query adj fingerprint and<br>candidate adj fingerprint and<br>statistical adj model and<br>threshold and search\$3 and<br>extract\$3 and(comparision or<br>match\$3 or correlation or<br>similar)).CLM. | US-PGPUB  | OR | ON | 2009/03/20<br>15:25 |
| S35 | 1     | (query adj fingerprint and<br>candidate adj fingerprint and<br>statistical adj model and<br>threshold and(comparision or<br>match\$3 or correlation or<br>similar)).CLM.                                 | US-PGPUB  | OR | ON | 2009/03/20<br>15:25 |
| S36 | 36741 | "382"/\$.ccls.   | USPAT   | OR | ON | 2009/03/20<br>15:26 |
| S37 | 0     | S36 and query adj fingerprint<br>and candidate adj fingerprint<br>and statistical adj model and<br>threshold and(comparision or<br>match\$3 or correlation or<br>similar)                                | USPAT   | OR | ON | 2009/03/20<br>15:26 |
| S38 | 1     | S36 and query adj fingerprint<br>and candidate adj fingerprint   | USPAT   | OR | ON | 2009/03/20<br>15:27 |
| S39 | 0     | S38 and @ad<"20031118"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:28 |
| S40 | 10    | S36 and query adj fingerprint  | USPAT   | OR | ON | 2009/03/20<br>15:30 |
| S41 | 0     | S40 and fingerprint and<br>statistical adj model and<br>threshold\$1   | US-PGPUB  | OR | ON | 2009/03/20<br>15:31 |
| S42 | 0     | S40 and candidate adj<br>fingerprint and statistical adj<br>model and threshold\$1   | US-PGPUB  | OR | ON | 2009/03/20<br>15:31 |
| S43 | 1     | S40 and candidate adj<br>fingerprint   | USPAT   | OR | ON | 2009/03/20<br>15:32 |
| S44 | 14212 | "704"/\$.ccls.   | USPAT   | OR | ON | 2009/03/20<br>15:32 |

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|-----|-------|---|---|----|----|------------------|
| S45 | 1     | S44 and query adj fingerprint and candidate adj fingerprint   | USPAT   | OR | ON | 2009/03/20 15:33 |
| S46 | 28368 | "700"/\$.ccls.  | USPAT   | OR | ON | 2009/03/20 15:34 |
| S47 | 0     | S46 and query adj fingerprint and candidate adj fingerprint   | USPAT   | OR | ON | 2009/03/20 15:35 |
| S48 | 0     | S46 and query adj fingerprint   | USPAT   | OR | ON | 2009/03/20 15:35 |
| S49 | 0     | "396"/\$.ccls   | USPAT   | OR | ON | 2009/03/20 15:35 |
| S50 | 0     | S49 and query adj fingerprint   | USPAT   | OR | ON | 2009/03/20 15:36 |
| S51 | 0     | S49 and fingerprint   | USPAT   | OR | ON | 2009/03/20 15:36 |
| S52 | 100   | query adj fingerprint and database  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20 15:37 |
| S53 | 13    | S52 and query adj fingerprint and candidate adj fingerprint   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20 15:38 |
| S54 | 8     | S53 and query adj fingerprint and(signal or video or audio) and search\$3 and extract\$3                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20 15:39 |
| S55 | 1     | S54 and query adj fingerprint and(signal or video or audio) and search\$3 and extract\$3 and construct\$3 adj query | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20 15:40 |
| S56 | 0     | S55 and @ad<"20031118"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20 15:40 |
| S57 | 4     | S54 and @ad<"20031118"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20 15:41 |

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| S58 | 91 | (("20070071330") or<br>("20090028441") or<br>("7142699") or<br>("20030169910") or<br>("20080270373") or<br>("6314196") or ("5953443") or<br>("20070003114") or<br>("20070067304") or<br>("6001562") or ("6240409") or<br>("5910999") or ("6292830") or<br>("6041133") or ("6317544") or<br>("6320974") or ("6466686") or<br>("6990453") or ("7206437") or<br>("7346512") or ("7356170") or<br>("20020083060") or<br>("20050004941") or<br>("20050084143") or<br>("20050144455") or<br>("20050180614") or<br>("20060122839") or<br>("20060161777") or<br>("20070203904") or<br>("20080208891") or<br>("20090012984") or<br>("6275601") or ("7369688") or<br>("5067162") or ("5272657") or<br>("6094507") or ("5917928") or<br>("5613014") or ("5960101") or<br>("20040260682") or<br>("4618988") or ("6002785") or<br>("6493709") or ("6757675") or<br>("6778688") or<br>("20020164058") or<br>("20030120647") or<br>("6356649") or ("6628834") or<br>("20070160259") or ("").pn.)).<br>PN. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/20<br>15:46 |
| S59 | 15 | S58 and query adj fingerprint<br>and database  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/20<br>15:52 |
| S60 | 2  | S59 and query adj fingerprint<br>and candidate adj fingerprint   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/20<br>15:58 |
| S61 | 1  | S60 and query adj fingerprint<br>and(signal or video or audio)<br>and search\$3 and extract\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/20<br>15:59 |

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| S62 | 0     | S61 and @ad<"20031118"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>15:59 |
| S63 | 0     | "707"/\$.ccls  | USPAT   | OR | ON | 2009/03/20<br>15:59 |
| S64 | 32080 | "707"/\$.ccls.   | USPAT   | OR | ON | 2009/03/20<br>15:59 |
| S65 | 13    | S64 and query adj fingerprint<br>and database  | USPAT   | OR | ON | 2009/03/20<br>16:00 |
| S66 | 3     | S65 and query adj fingerprint<br>and candidate adj fingerprint   | USPAT   | OR | ON | 2009/03/20<br>16:00 |
| S67 | 3     | S66 and query adj fingerprint<br>and(signal or video or audio)<br>and search\$3 and extract\$3   | USPAT   | OR | ON | 2009/03/20<br>16:00 |
| S68 | 2     | S67 and @ad<"20031118"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>16:01 |
| S69 | 1     | S68 and (statistical adj model<br>or model\$1)and threshold and<br>(comparision or match\$3 or<br>correlation or similar)and<br>vector | USPAT   | OR | ON | 2009/03/20<br>16:02 |
| S70 | 95295 | "340"/\$.ccls.   | USPAT   | OR | ON | 2009/03/20<br>16:07 |
| S71 | 1     | S70 and query adj fingerprint<br>and database  | USPAT   | OR | ON | 2009/03/20<br>16:07 |
| S72 | 0     | S71 and query adj fingerprint<br>and candidate adj fingerprint   | USPAT   | OR | ON | 2009/03/20<br>16:07 |
| S73 | 0     | S71 and query adj fingerprint<br>and(signal or video or audio)<br>and search\$3 and extract\$3   | USPAT   | OR | ON | 2009/03/20<br>16:08 |
| S74 | 0     | S71 and (statistical adj model<br>or model\$1)and threshold and<br>(comparision or match\$3 or<br>correlation or similar)and<br>vector | USPAT   | OR | ON | 2009/03/20<br>16:08 |
| S75 | 1     | S71 and @ad<"20031118"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20<br>16:08 |
| S76 | 51940 | "356"/\$.ccls.   | USPAT   | OR | ON | 2009/03/20<br>16:09 |
| S77 | 0     | S76 and query adj fingerprint<br>and database  | USPAT   | OR | ON | 2009/03/20<br>16:09 |
| S78 | 10687 | "283"/\$.ccls.   | USPAT   | OR | ON | 2009/03/20<br>16:09 |

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|-----|-------|--|---|----|----|------------------|
| S79 | 2     | S78 and query adj fingerprint and database   | USPAT   | OR | ON | 2009/03/20 16:09 |
| S80 | 0     | S79 and query adj fingerprint and candidate adj fingerprint  | USPAT   | OR | ON | 2009/03/20 16:10 |
| S81 | 0     | S79 and candidate adj fingerprint  | USPAT   | OR | ON | 2009/03/20 16:10 |
| S82 | 1     | S79 and query adj fingerprint and(signal or video or audio) and search\$3 and extract\$3                                   | USPAT   | OR | ON | 2009/03/20 16:10 |
| S83 | 0     | S82 and (statistical adj model or model\$1)and threshold and (comparision or match\$3 or correlation or similar)and vector | USPAT   | OR | ON | 2009/03/20 16:10 |
| S84 | 0     | S82 and @ad<"20031118"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/20 16:11 |
| S85 | 22832 | "713"/\$.ccls.   | USPAT   | OR | ON | 2009/03/20 16:12 |
| S86 | 2     | S85 and query adj fingerprint and database   | USPAT   | OR | ON | 2009/03/20 16:13 |
| S87 | 1     | S86 and candidate adj fingerprint  | USPAT   | OR | ON | 2009/03/20 16:13 |
| S88 | 0     | S87 and (statistical adj model or model\$1)and threshold and (comparision or match\$3 or correlation or similar)and vector | USPAT   | OR | ON | 2009/03/20 16:13 |
| S89 | 0     | S87 and @ad<"20031118"   | USPAT   | OR | ON | 2009/03/20 16:14 |
| S90 | 150   | candidate adj fingerprint  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/05 15:29 |
| S91 | 119   | Query adj fingerprint  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/05 15:29 |
| S92 | 13    | S90 and S91  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/05 15:29 |
| S93 | 4     | S92 and @ad<"20031118"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/05 15:30 |



|     |   |                                      |   |    |    |                     |
|-----|---|--------------------------------------|---|----|----|---------------------|
| S94 | 0 | S93 and statistical adj model<br>\$1 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/05<br>15:31 |
| S95 | 2 | S93 and model\$1 and distance        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/05<br>15:31 |

**10/ 5/ 09 3:56:53 PM****C:\ Documents and Settings\ SChawan\ My Documents\ EAST\ Workspaces\ 9412.wsp**